

MEGA VOLT SERIES

STEAM GENERATORS



**ELECTRIC
STEAM
GENERATOR
HIGH PRESSURE**



**CLEAN ENERGY
ZERO
EMISSION**



Steam Production Capacity

50 Kg/h - 1.750 Kg/h



Operating Pressure

1-60 Bar



Thermal Capacity

40 kW - 1.200 kW



Design Type

Vertical



Fuel Type

Electric, Resistor

230 V 50 Hz * 230 V 60 Hz

380 V 50 Hz * 380 V 60 Hz

Capacity Table

Model	Steam Capacity (kg/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
MEGA VOLT 50	50	40	0,04
MEGA VOLT 100	100	70	0,07
MEGA VOLT 150	150	100	0,10
MEGA VOLT 200	200	150	0,15
MEGA VOLT 250	250	180	0,18
MEGA VOLT 300	300	200	0,20
MEGA VOLT 350	350	250	0,25
MEGA VOLT 400	400	300	0,30
MEGA VOLT 450	450	320	0,32
MEGA VOLT 500	500	350	0,35
MEGA VOLT 600	600	420	0,42
MEGA VOLT 700	700	500	0,50
MEGA VOLT 800	800	550	0,55
MEGA VOLT 900	900	650	0,65
MEGA VOLT 1000	1.000	700	0,70
MEGA VOLT 1250	1.250	900	0,90
MEGA VOLT 1500	1.500	1.000	1,00
MEGA VOLT 1750	1.750	1.200	1,20

Ekotek reserves the right to modify product specifications, dimensions, and visual representations due to ongoing production processes. Visuals are representative only; actual product color, dimensions, and accessories may differ.

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MEGA VOLT-H SERIES

STEAM GENERATORS

ELECTRIC
HYGENIC
STEAM
GENERATOR
HIGH PRESSURE



CLEAN ENERGY
ZERO
EMISSION



Steam Production Capacity
50 Kg/h - 28.000 Kg/h



Operating Pressure
1-60 Bar



Thermal Capacity
40 kW - 1.200 kW



Design Type
Horizontal



Fuel Type
Electric, Resistor
230 V 50 Hz * 230 V 60 Hz
380 V 50 Hz * 380 V 60 Hz

Manufacturing Standard

Manufactured from 304 Quality Stainless Steel,
Hygienic Steam Producing Steam Generator.

Optional

Custom-built hygienic steam generator manufactured
from AISI 316L grade stainless steel to meet specific requirements.

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Model	Steam Capacity (kg/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Mega Volt H Series 50	50	40	0,04
Mega Volt H Series 100	100	70	0,07
Mega Volt H Series 150	150	100	0,10
Mega Volt H Series 200	200	150	0,15
Mega Volt H Series 250	250	180	0,18
Mega Volt H Series 300	300	200	0,20
Mega Volt H Series 350	350	250	0,25
Mega Volt H Series 400	400	300	0,30
Mega Volt H Series 450	450	320	0,32
Mega Volt H Series 500	500	350	0,35
Mega Volt H Series 600	600	420	0,42
Mega Volt H Series 700	700	500	0,50
Mega Volt H Series 800	800	550	0,55
Mega Volt H Series 900	900	650	0,65
Mega Volt H Series 1000	1.000	700	0,70
Mega Volt H Series 1250	1.250	900	0,90
Mega Volt H Series 1500	1.500	1.000	1,00
Mega Volt H Series 1750	1.750	1.200	1,20
Mega Volt HX Series 2000	2.000	1.400	1,40
Mega Volt HX Series 2500	2.500	1.750	1,75
Mega Volt HX Series 3000	3.000	2.000	2,00
Mega Volt HX Series 3500	3.500	2.500	2,50
Mega Volt HX Series 4000	4.000	2.800	2,80
Mega Volt HX Series 4500	4.500	3.000	3,00
Mega Volt HX Series 5000	5.000	3.500	3,50
Mega Volt HX Series 5500	5.500	3.850	3,85
Mega Volt HX Series 6000	6.000	4.200	4,20
Mega Volt HX Series 6500	6.500	4.500	4,50
Mega Volt HX Series 7000	7.000	4.900	4,90
Mega Volt HX Series 7500	7.500	5.250	5,25
Mega Volt HX Series 10000	10.000	7.000	7,00
Mega Volt HX Series 12000	12.000	8.350	8,35
Mega Volt HX Series 14000	14.000	9.800	9,80
Mega Volt HX Series 16000	16.000	11.000	11,00
Mega Volt HX Series 18000	18.000	12.500	12,50
Mega Volt HX Series 20000	20.000	14.000	14,00
Mega Volt HX Series 23000	23.000	16.000	16,00
Mega Volt HX Series 25000	25.000	17.500	17,50
Mega Volt HX Series 28000	28.000	19.500	19,50

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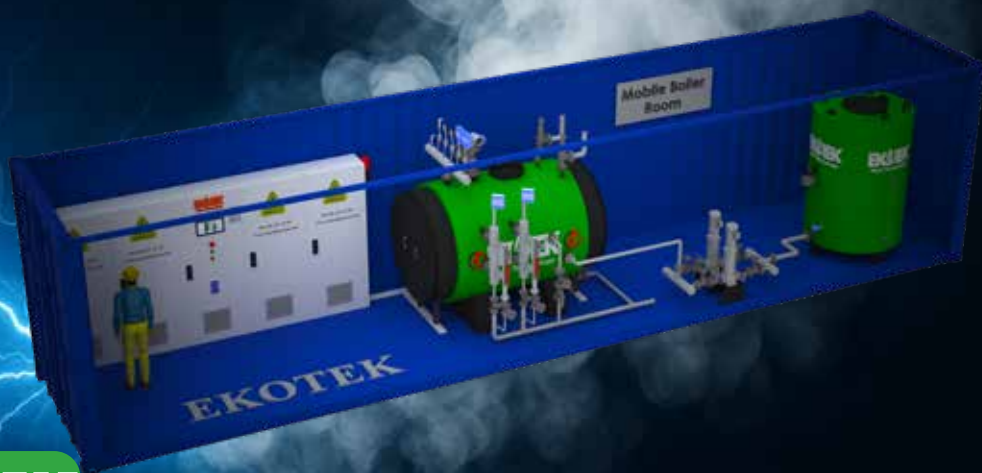
MEGA VOLT SERIES

MOBILE BOILER SYSTEMS



**ELECTRIC
STEAM
GENERATOR
HIGH PRESSURE**

MOBILE STEAM GENERATOR



CLEAN ENERGY
**ZERO
EMISSION**



Steam Production Capacity
50 Kg/h - 1.000 Kg/h



Operating Pressure
1-60 Bar



Thermal Capacity
40-700 kW



Design Type
Vertical



Fuel Type
Electric, Resistor
230 V 50 Hz * 230 V 60 Hz
380 V 50 Hz * 380 V 60 Hz

Capacity Table

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Mega Volt Series - Electric Steam Generator

<https://www.ekotekkazan.com/product/mega-volt-series-electric-steam-generator>

About the Product

The steam production capacity of our Mega Volt series steam generator ranges from 50 kg/h to 1750 kg/h.

Description

An electric steam generator is a device that produces steam from electrical energy. Our products can be designed according to the working pressure you wish to use, ranging from 1 to 16 bar. Our high-efficiency generators have zero emissions since there are no waste gases.

Detailed Description

Due to the extremely low water volume in the electric steam generator, it is suitable for use in human-operated environments. The steam temperature and all functions can be monitored from the control panel via a PID screen or an optional PLC screen. The heating elements are made of stainless steel. The outer casing is coated with electrostatic powder-coating baked enamel. It is ready for operation once the electrical and water connections are made.

It is a complete package unit with all its equipment, and it is very easy to install and transport.

Ekotek Heating Technology uses five types of safety systems in the Mega Volt Series electric steam generator:

- Steam temperature
- Mechanical pressure
- Digital pressure
- Safety valve
- Flue gas temperature controls

Additionally, all safety systems, including feedwater pumps, are provided as a standard package in pairs. With optional features, the PLC touch screen controlled Modbus RTU (Remote Terminal Unit RTU) is entirely under your control. Control your power with Ekotek technology.